

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000610

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 12/56, G06F 5/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	GB 2394856 A (TELLABS OY), 5 May 2004 (05.05.2004), the whole document --	1-12
X	WO 02088879 A2 (WANWALL, INC), 7 November 2002 (07.11.2002), page 5, line 20 - page 6, line 7; page 11, line 5 - line 20; page 12, line 4 - line 7, page 18, line 7 - page 25, line 17, figures 3A-3B, abstract --	1,3-6,7,9-12
A	EP 1137227 A2 (FUJITSU LTD), 26 Sept 2001 (26.09.2001), paragraphs [0016]-[0018], abstract --	1-12

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search

2 February 2005

Date of mailing of the international search report

03 -02- 2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1345365 A2 (BROADCOM CORP), 17 Sept 2003 (17.09.2003), paragraphs [0022]-[0038], claims 10, 16, abstract --	1-12
A	WO 0028705 A1 (ODYSSIA SYSTEMS, INC), 18 May 2000 (18.05.2000), claims 1-11, abstract --	1-12
A	US 20020097734 A1 (AMOU, K ET AL), 25 July 2002 (25.07.2002), claims 1-9, abstract --	1-12
A	WO 03052556 A2 (CHIP ENGINES), 26 June 2003 (26.06.2003), claims 1-10, abstract -- -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/12/2004

International application No.

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GB	2394856	A	05/05/2004	DE	10350504	A	13/05/2004
				FI	112421	B	00/00/0000
				FI	20021921	D	00/00/0000
				FR	2846501	A	30/04/2004
				GB	0324387	D	00/00/0000
				IT	RM20030503	D	00/00/0000
				US	20040085964	A	06/05/2004
WO	02088879	A2	07/11/2002	EP	1393194	A	03/03/2004
				US	20030076848	A	24/04/2003
EP	1137227	A2	26/09/2001	JP	2001339427	A	07/12/2001
				US	20010033581	A	25/10/2001
EP	1345365	A2	17/09/2003	US	20030174650	A	18/09/2003
WO	0028705	A1	18/05/2000	US	6714517	B	30/03/2004
US	20020097734	A1	25/07/2002	JP	2002217958	A	02/08/2002
WO	03052556	A2	26/06/2003	US	20030112814	A	19/06/2003

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